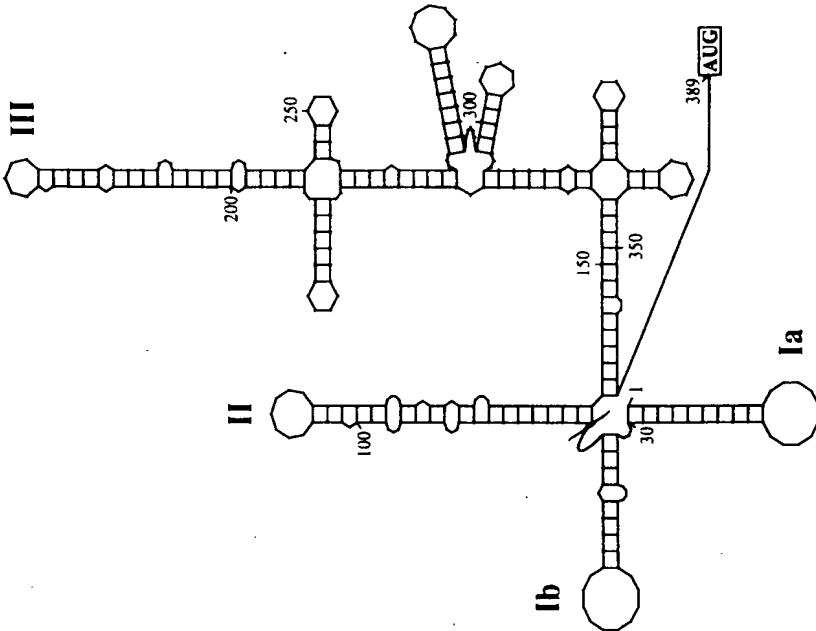


A

BVDV-1 CP7-9A	GUADAGGAGG UUAGGCAAGG	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 98
Oleosin	(AU) GUADAGGAGA AUUUGCCUA	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 93
NADL	GUADAGGAGA AUUAGAAAAG	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 96
CSFV Alfort-T	GUADAGGAGG UUAGGCUU	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 96
Breastis	GUADAGGAGG UUAGGCUA	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 96
BDV X818	GUADAGGGA GUAGCUA	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 96
BVDV-2 890	GUADAGGAGA UUAGCUAAA	DUCUCGGAU ACAGAUUTGGAA CACUCUAAA AAUAAAATU AGGCCCUAGGG GACAAAAGC CTCCTUAGGG AAGGCCCGAAA 96
	*****	*****

III



B

Figure 1

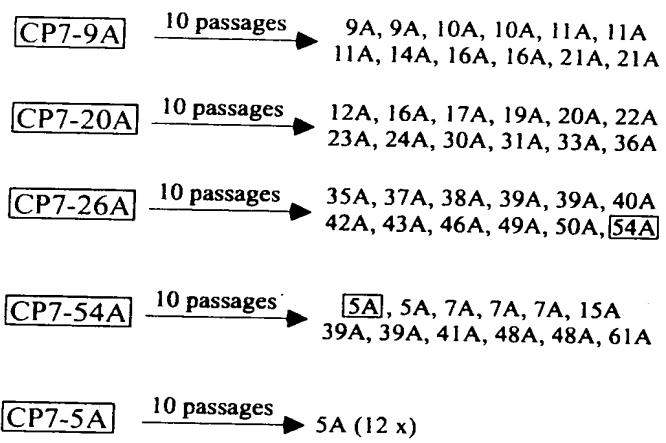


Fig. 2

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Figure 3

	IF 24h p.t.	Infectivity (PFU/ $\mu$ gRNA)
CP7-5A		$6.0 \times 10^5$
CP7-9A		$5.2 \times 10^5$
CP7-20A		$4.8 \times 10^5$
CP7-26A		$4.8 \times 10^5$
CP7-54A		$8.0 \times 10^4$
CP7-T		$8.0 \times 10^2$

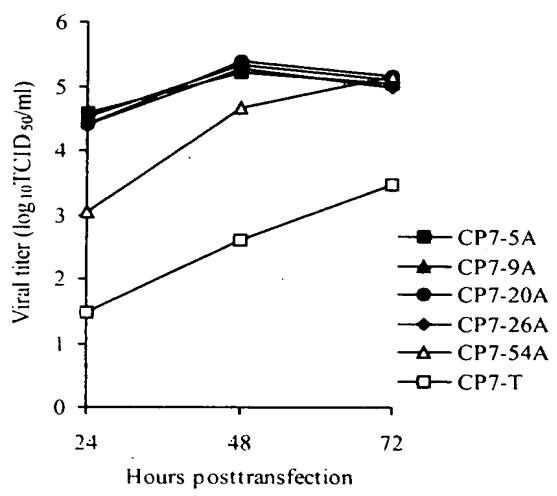
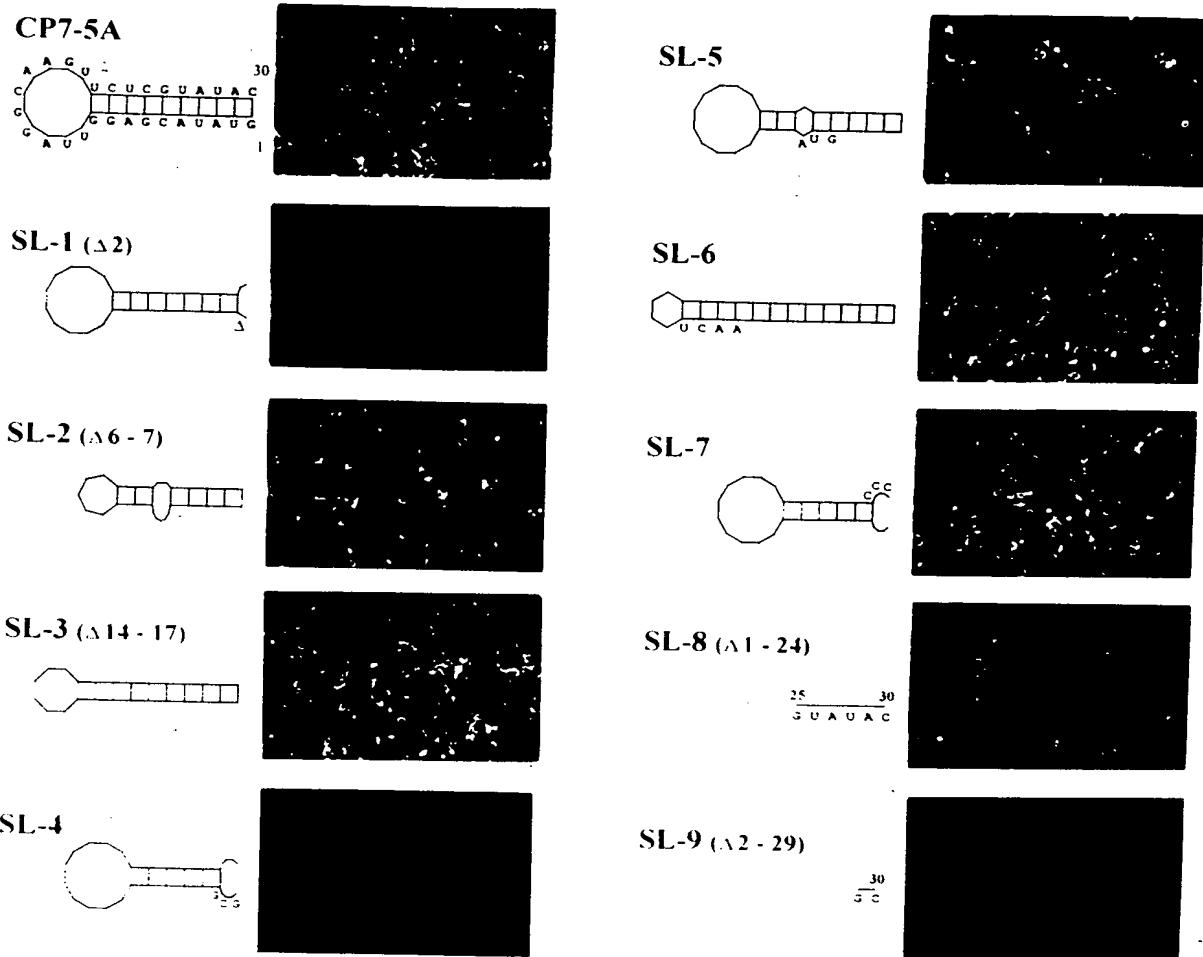


Fig. 4

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**A**



**B**

	CP7-5A	SL-1	SL-2	SL-3	SL-4	SL-5	SL-6	SL-7	SL-8	SL-9
Infectivity (PFU/ $\mu$ g RNA)	$2.4 \times 10^5$	$4.4 \times 10^1$	$2.8 \times 10^4$	$4.0 \times 10^4$	< 10	$6.0 \times 10^4$	$6.4 \times 10^4$	$4.8 \times 10^3$	$5.2 \times 10^3$	$6.4 \times 10^2$
TCID <sub>50</sub> /ml 24 h p.t.	$4.3 \times 10^4$	< 10	$2.1 \times 10^3$	$4.8 \times 10^3$	< 10	$7.1 \times 10^2$	$5.5 \times 10^3$	$3.7 \times 10^3$	$2.1 \times 10^2$	< 10
48 h p.t.	$1.5 \times 10^5$	$4.5 \times 10^1$	$1.3 \times 10^5$	$7.3 \times 10^4$	$1.4 \times 10^2$	$6.6 \times 10^4$	$1.3 \times 10^5$	$8.6 \times 10^4$	$6.3 \times 10^3$	$4.7 \times 10^2$
72 h p.t.	$1.3 \times 10^5$	$2.1 \times 10^2$	$1.7 \times 10^5$	$1.3 \times 10^5$	$4.1 \times 10^2$	$2.2 \times 10^5$	$1.5 \times 10^5$	$1.3 \times 10^5$	$2.1 \times 10^4$	$4.2 \times 10^3$

Fig. 5

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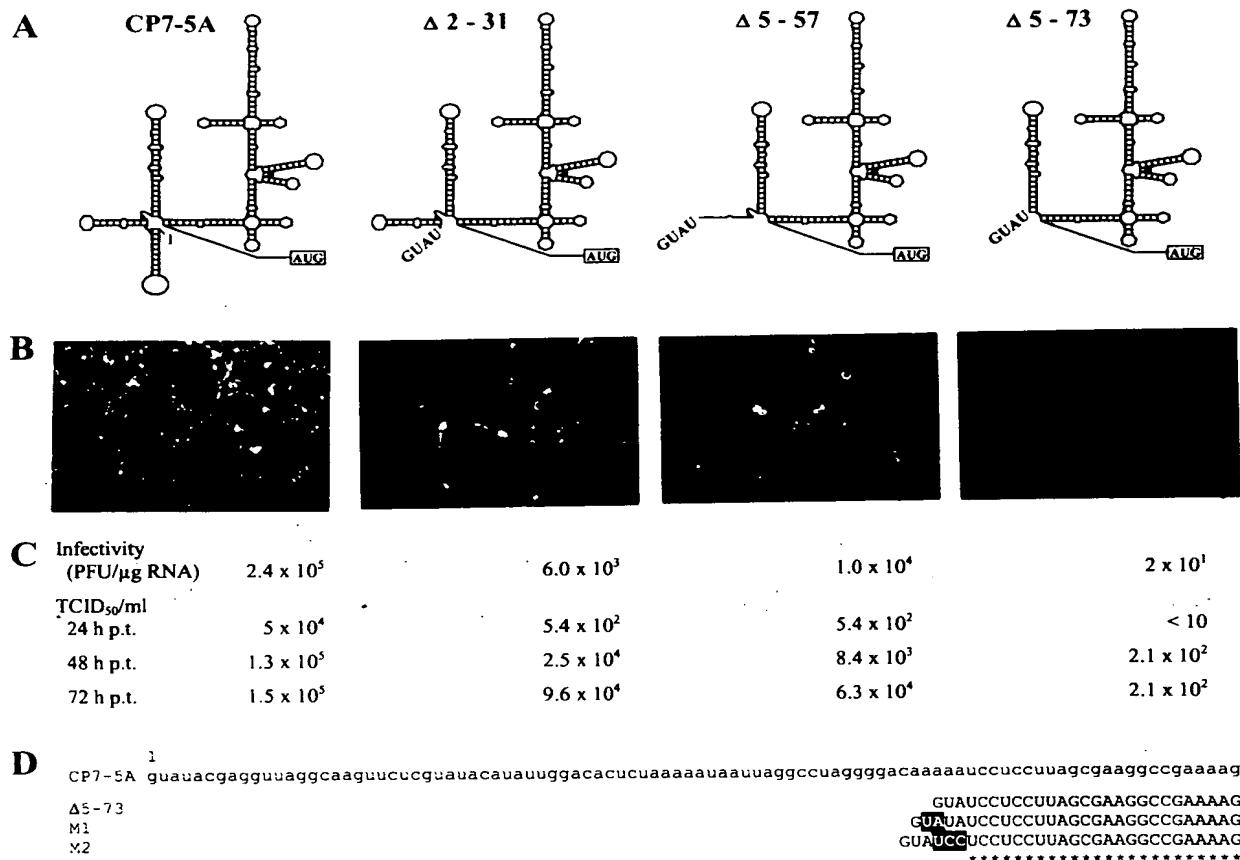


Fig. 6

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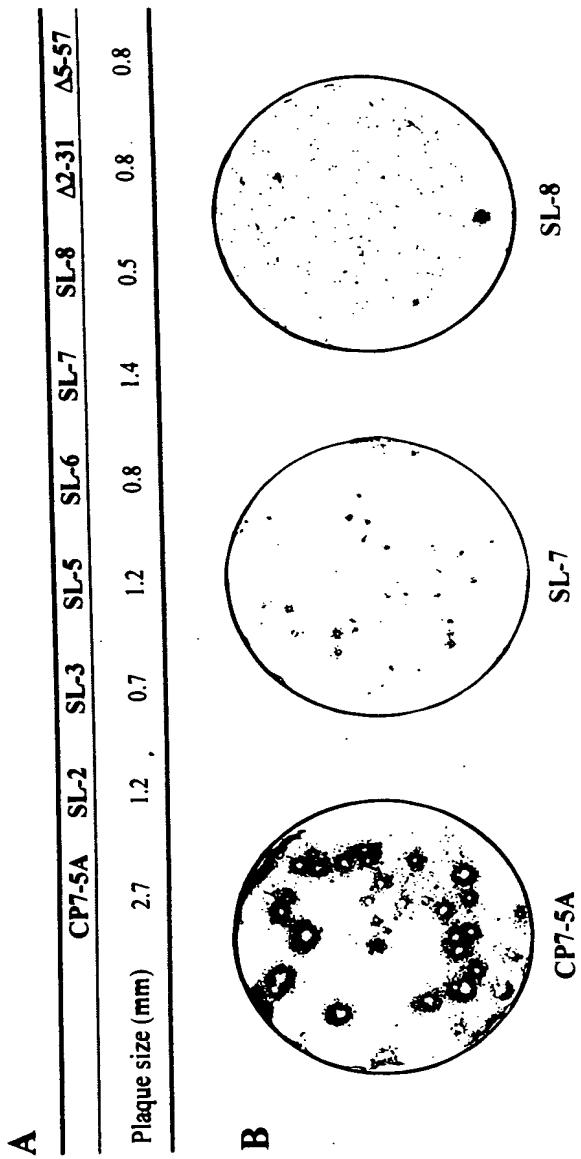


Figure 7

Fig. 8

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